

# Silane, dimethyl(dodec-9-ynyloxy)undecyloxy-

**Inchi:** InChI=1S/C25H50O2Si/c1-5-7-9-11-13-15-17-19-21-23-25-27-28(3,4)26-24-22-20-18-16  
**InchiKey:** IYRZZSFSPQICGQ-UHFFFAOYSA-N  
**Formula:** C25H50O2Si  
**SMILES:** CCC#CCCCCCCCCO[Si](C)(C)OCCCCCCCCCCC  
**Mol. weight [g/mol]:** 410.75

## Physical Properties

Property code	Value	Unit	Source
log10ws	-6.89		Crippen Method
logp	8.396		Crippen Method
rinpol	2543.00		NIST Webbook
rinpol	2543.00		NIST Webbook

## Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**Crippen Method:** [https://www.chemeo.com/doc/models/crippen\\_log10ws](https://www.chemeo.com/doc/models/crippen_log10ws)  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347875&Units=SI>

## Legend

**log10ws:** Log10 of Water solubility in mol/l  
**logp:** Octanol/Water partition coefficient  
**rinpol:** Non-polar retention indices

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<https://www.chemeo.com/cid/90-942-6/Silane-dimethyl-dodec-9-ynyloxy-undecyloxy.pdf>

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